



PCT

RAW SEQUENCE LISTING

DATE: 10/13/2004

PATENT APPLICATION: US/10/510,101

TIME: 15:01:54

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\10132004\J510101.raw

4 <110> APPLICANT: Epimmune Inc.
 5 Ishioka, Glenn
 6 Fikes, John
 7 Tangri, Shabnam
 8 Sette, Alessandro
 10 <120> TITLE OF INVENTION: Heteroclitic Analogs and Related Methods
 12 <130> FILE REFERENCE: 2060.009PC05
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/510,101
 C--> 14 <141> CURRENT FILING DATE: 2004-10-05
 14 <150> PRIOR APPLICATION NUMBER: US 60/413,471
 15 <151> PRIOR FILING DATE: 2002-09-26
 17 <150> PRIOR APPLICATION NUMBER: US 10/116,118
 18 <151> PRIOR FILING DATE: 2002-04-05
 20 <160> NUMBER OF SEQ ID NOS: 196
 22 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 9
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens carcinoembryonic
 31 antigen
 33 <400> SEQUENCE: 1
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 36 1 5
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 9
 41 <212> TYPE: PRT
 42 <213> ORGANISM: Artificial Sequence
 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens carcinoembryonic
 46 antigen
 48 <400> SEQUENCE: 2
 50 Ile Met Met Gly Val Leu Val Gly Val
 51 1 5
 54 <210> SEQ ID NO: 3
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 56 <212> TYPE: PRT
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens carcinoembryonic
 61 antigen
 63 <400> SEQUENCE: 3

Cps. (6)
ENTERED

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72 <213> ORGANISM: Artificial Sequence
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75 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma antigens
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83 <210> SEQ ID NO: 5
84 <211> LENGTH: 9
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
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93 Lys Val Ala Glu Ile Val His Phe Leu
94 1          5
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 9
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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107 Lys Val Ala Glu Leu Val Trp Phe Leu
108 1          5
111 <210> SEQ ID NO: 7
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113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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121 Tyr Leu Gln Leu Val Phe Gly Ile Glu Val
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126 <211> LENGTH: 10
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128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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141 <212> TYPE: PRT
 142 <213> ORGANISM: Artificial Sequence
 144 <220> FEATURE:
 145 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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 150 1 5 10
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 156 <213> ORGANISM: Artificial Sequence
 158 <220> FEATURE:
 159 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens carcinoembryonic
 160 antigen
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 165 1 5
 168 <210> SEQ ID NO: 11
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 174 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens carcinoembryonic
 175 antigen
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 180 1 5
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 190 antigen
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 194 His Leu Phe Ile Tyr Ser Trp Tyr Lys
 195 1 5
 198 <210> SEQ ID NO: 13
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 205 antigen
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 209 His Leu Phe Gly Tyr Ser Leu Tyr Lys
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 213 <210> SEQ ID NO: 14
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230 <212> TYPE: PRT
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233 <220> FEATURE:
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235     antigen
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280     antigen
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284 His Leu Phe Gly Tyr Ser Cys Tyr Lys
285 1           5
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289 <211> LENGTH: 9
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291 <213> ORGANISM: Artificial Sequence
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295     antigen
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299 His Leu Phe Gly Tyr Ser Asn Tyr Lys
300 1             5
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305 <212> TYPE: PRT
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308 <220> FEATURE:
309 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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314 1             5
317 <210> SEQ ID NO: 21
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319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
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328 1             5
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334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Synthetic peptide derived from Homo sapiens melanoma
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342 1             5
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347 <212> TYPE: PRT
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350 <220> FEATURE:
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353 <400> SEQUENCE: 23
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356 1             5
359 <210> SEQ ID NO: 24
360 <211> LENGTH: 9
361 <212> TYPE: PRT
362 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:29; Xaa Pos. 3
Seq#:30; Xaa Pos. 3
Seq#:31; Xaa Pos. 3
Seq#:72; Xaa Pos. 734,1028,2501

VERIFICATION SUMMARY

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Input Set : A:\sequence listing ascii.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:720
M:341 Repeated in SeqNo=72